

FAX

Solvay Minerals Inc.
ENVIRONMENTAL DEPARTMENT

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Date Feb 3
January 23, 1997

Number of pages including cover sheet 8

TO: Burt Brown
Kvaerner Davy

From: Dolly Potter
Phone: 307-872-6571
Fax Phone: 307-872-6510

Burt,

Following are the Particulate Weigh Sheets associated with the stack test results I recently sent to K. Davy and the ESP Vendors. The dryer was running at a production rate of 87 TPH and the calciner was operating at a feed rate at 150 TPH.

If you have further questions, don't hesitate to give me a call.

Dolly A. Potter

Environmental Engineer
Solvay Minerals, Inc.

Also included some inlet/outlet
test results at various conditions.

Please share this info w/ Aileen.

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SOLVAY MINERALS, INC.
CAE Project No: 7227
EP6 Dryer Stack

LAURENCE 202
PARTICULATE WEIGHT SHEET

Run No.	Blank	2	3	4	
Date (1994)		August 11	August 11	August 11	
Start Time (approx.)		11:20	14:01	16:41	
Stop Time (approx.)		13:30	16:12	18:53	
Front Half Acetone					
ID	Identifier	XX27	T84	XX23	T33
	Sample volume (ml)	100	100	55	70
	Aliquot used (ml)	100	100	55	70
	Tare weight (g)	109.2200	98.5630	110.8580	100.9876
	Gross weight (g)	109.2203	98.5646	110.8595	100.9889
	Correction factor (g)		0.0003	0.0002	0.0002
	Net weight (g)	0.0003	0.0013	0.0013	0.0011
Filter					
ID	Identifier		85158	85160	85162
	Tare weight (g)		0.3747	0.3758	0.3750
	Gross weight (g)		0.3751	0.3758	0.3754
	Net weight (g)		0.0004	0.0000	0.0004
Total Front Half Particulate					
M _n	Matter collected (g)		0.0017	0.0013	0.0015
Back Half Organic					
ID	Identifier	F26	XX84	XX37	XX76
	Sample volume (ml)	225	200	195	205
	Aliquot used (ml)	225	200	195	205
	Tare weight (g)	120.7800	110.2684	106.4431	108.8331
	Gross weight (g)	120.7804	110.2706	106.4456	108.8353
	Correction factor (g)		0.0004	0.0003	0.0004
m _n	Net weight (g)	0.0004	0.0018	0.0022	0.0018
Back Half Inorganic					
ID	Identifier	XX20	XX28	F43	X37
	Sample volume (ml)	100	1945	1865	1825
V _{lc}	H ₂ O condensate (ml)		1428.1	1406.2	1389.9
	Sample volume minus V _{lc} (ml)		517	459	435
	Aliquot used (ml)	100	100	100	100
	Tare weight (g)	107.9448	106.1212	124.5989	110.9697
	Gross weight (g)	107.9451	106.1231	124.5991	110.9705
	Correction factor (g)		0.0016	0.0014	0.0013
m _n	Net weight (g)	0.0003	0.0354	0.0024	0.0133
Total Back Half Particulate					
m _n	Matter collected (g)		0.0372	0.0045	0.0151
Total Particulate					
m _n	Matter collected (g)		0.0389	0.0058	0.0166